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	39126	KERSTETTER.in. or aLLEN.in. or APTICAR.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/20 06:36
	12441	airspring or air adj spring or pneumatic adj spring	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/27 12:08
	52	(KERSTETTER.in. or aLLEN.in. or APTICAR.in.) and (airspring or air adj spring or pneumatic adj spring)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/20 06:36
	75	(airspring or air adj spring or pneumatic adj spring) same (airsleeve or air adj sleeve)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/20 07:50
	2	("4931508" "6279633").PN.	USPAT; US-PGPUB	2004/02/20 06:39
	1	(US-4931508-\$).did.	USPAT	2004/02/20 06:40
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	0	((US-4931508-\$).did.) and spring	USPAT	2004/02/20 06:40
	4	("3,043,582") or ("5,954,316") or ("2,999,681") or ("3,084,952").PN.	US-PGPUB	2004/02/20 06:42
	386	(airspring or air adj spring or pneumatic adj spring) same (airsleeve or air adj sleeve or membrane or roll\$4 adj lobe)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/20 07:50
	386	(airspring or air adj spring or pneumatic adj spring) same (airsleeve or air adj sleeve or membrane or roll\$4 adj lobe)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/20 07:57
	597358	(airsleeve or air adj sleeve or membrane or roll\$4 adj lobe or diaphragm)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/20 09:01
	35617	(airsleeve or air adj sleeve or membrane or roll\$4 adj lobe or diaphragm) same (rubber or elastom\$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/20 07:52
	8	(airsleeve or air adj sleeve or membrane or roll\$4 adj lobe or diaphragm) same (rubber or elastom\$5) same layer near4 reinforc\$5 same liner	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/20 07:54
	10	(airsleeve or air adj sleeve or membrane or roll\$4 adj lobe or diaphragm) same colorable	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/20 07:57
	10520	(airsleeve or air adj sleeve or membrane or roll\$4 adj lobe or diaphragm) same color	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/20 07:57
	0	(rubber or elastomer\$4) and natural adj rubber and EPDM and silica and organosilane adj polysulfide.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/20 09:03
	0	( (rubber or elastomer\$4) and natural adj rubber and EPDM and silica and organosilane adj polysulfide) and ( (airsleeve or air adj sleeve or membrane or roll\$4 adj lobe or diaphragm) )	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/20 08:05

	18	(rubber or elastomer\$4) and natural adj rubber and EPDM and silica and organosilane adj polysulfide	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/20 08:08
	0	elastomeric adj liner same reinforcing adj layer same cover same "parts by weight" same natural adj rubber same polybutadiene same (ethylene adj propylene adj diene adj terpolymer or EPDM)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/20 08:12
	0	elastomeric adj liner same reinforcing adj layer same cover same natural adj rubber same polybutadiene same (ethylene adj propylene adj diene adj terpolymer or EPDM)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/20 08:12
	0	elastomeric adj liner same reinforcing adj layer same natural adj rubber same polybutadiene same (ethylene adj propylene adj diene adj terpolymer or EPDM)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/20 08:12
	2226	natural adj rubber same polybutadiene same (ethylene adj propylene adj diene adj terpolymer or EPDM)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/20 08:13
	136	( natural adj rubber same polybutadiene same (ethylene adj propylene adj diene adj terpolymer or EPDM) ) and ( (airsleeve or air adj sleeve or membrane or roll\$4 adj lobe or diaphragm) )	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/20 08:13
	758	silica same polysulfide	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/20 08:15
	3	( silica same polysulfide ) and ( ( natural adj rubber same polybutadiene same (ethylene adj propylene adj diene adj terpolymer or EPDM) ) and ( (airsleeve or air adj sleeve or membrane or roll\$4 adj lobe or diaphragm) ) )	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/20 08:16

	3	<p>( silica same polysulfide ) and ( ( natural adj rubber same polybutadiene same (ethylene adj propylene adj diene adj terpolymer or EPDM)  ) and ( (airsleeve or air adj sleeve or membrane or roll\$4 adj lobe or diaphragm) )  ) and ( (airsleeve or air adj sleeve or membrane or roll\$4 adj lobe or diaphragm) ) ("6252008").PN.</p>	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/20 08:20
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	0	<p>("6252008").PN.) and ( silica same polysulfide ) and ( ( natural adj rubber same polybutadiene same (ethylene adj propylene adj diene adj terpolymer or EPDM)  ) and ( (airsleeve or air adj sleeve or membrane or roll\$4 adj lobe or diaphragm) )  )</p>	USPAT; US-PGPUB USPAT; US-PGPUB	2004/02/20 08:21
	116596	<p>(airsleeve or air adj sleeve or membrane or roll\$4 adj lobe or diaphragm) same (layer or lining or liner or cover\$4)</p>	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/20 08:22
	3633	<p>(airsleeve or air adj sleeve or membrane or roll\$4 adj lobe or diaphragm) same (layer or lining or liner or cover\$4) same (elastomer\$6 or natural adj rubber)</p>	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/20 08:23
	152	<p>(airsleeve or air adj sleeve or membrane or roll\$4 adj lobe or diaphragm) same (layer or lining or liner or cover\$4) same (elastomer\$6 or natural adj rubber) same (epdm or ethylene same propylene)</p>	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/20 08:24
	150	<p>(airsleeve or air adj sleeve or membrane or roll\$4 adj lobe or diaphragm) same (layer or lining or liner or cover\$4) same (elastomer\$6 or natural adj rubber) same (epdm or ethylene near4 propylene)</p>	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/20 08:24
	1	<p>(airsleeve or air adj sleeve or membrane or roll\$4 adj lobe or diaphragm) same (layer or lining or liner or cover\$4) same (elastomer\$6 or natural adj rubber) same (epdm or ethylene near4 propylene) same silica</p>	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/20 08:25
	150	<p>(airsleeve or air adj sleeve or membrane or roll\$4 adj lobe or diaphragm) same (layer or lining or liner or cover\$4) same (elastomer\$6 or natural adj rubber) same (epdm or ethylene near4 propylene)</p>	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/20 08:27
	35	<p>(airsleeve or air adj sleeve or membrane or roll\$4 adj lobe or diaphragm) same (layer or lining or liner or cover\$4) same (elastomer\$6 or natural adj rubber) same (epdm or ethylene near4 propylene) and silica</p>	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/20 08:27
	3	<p>(airsleeve or air adj sleeve or membrane or roll\$4 adj lobe or diaphragm) same (layer or lining or liner or cover\$4) same (elastomer\$6 or natural adj rubber) same (epdm or ethylene near4 propylene) and silica and polysulfide</p>	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/20 08:35
	10	<p>(airsleeve or air adj sleeve or membrane or roll\$4 adj lobe or diaphragm) same (elastomer\$6 or natural adj rubber) same (epdm or ethylene near4 propylene) and silica and polysulfide</p>	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/20 08:36

	1	(airsleeve or air adj sleeve or membrane or roll\$4 adj lobe or diaphragm) same (elastomer\$6 or natural adj rubber) same (epdm or ethylene near4 propylene) same silica and polysulfide	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/20 08:38
	2	(airsleeve or air adj sleeve or membrane or roll\$4 adj lobe or diaphragm) same (elastomer\$6 or natural adj rubber) same (epdm or ethylene near4 propylene) and 267/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/20 08:39
	0	(airsleeve or air adj sleeve or membrane or roll\$4 adj lobe or diaphragm) same (elastomer\$6 or natural adj rubber) same (ethylene near4 propylene) and 267/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/20 08:39
	340	(airsleeve or air adj sleeve or membrane or roll\$4 adj lobe or diaphragm) same (elastomer\$6 or natural adj rubber) same (ethylene near4 propylene)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/20 08:40
	3	(airsleeve or air adj sleeve or membrane or roll\$4 adj lobe or diaphragm) same (elastomer\$6 or natural adj rubber) same (ethylene near4 propylene) same silica	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/20 08:58
	0	(airsleeve or air adj sleeve or membrane or roll\$4 adj lobe or diaphragm) and 6279633.bn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/20 08:42
	0	(airsleeve or air adj sleeve or membrane or roll\$4 adj lobe or diaphragm) and 4931508.bn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/20 08:42
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	0	(airsleeve.clm. or air adj sleeve.clm. or membrane.clm. or roll\$4 adj lobe.clm. or diaphragm.clm.) same (elastomer\$6 or natural adj rubber) same (ethylene near4 propylene) same silica	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/20 08:59
	251	(airsleeve or air adj sleeve or membrane or roll\$4 adj lobe or diaphragm) same (rubber or elastomer\$5) same layer near4 reinforc\$5	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/20 09:00
	0	reinforc\$4 same ( layer or liner) same parts same weight same (rubber or elastomer\$4) same natural adj rubber same olybutadienet same (ethylene same propylene same diene same terpolymer or EPDM) same silica same organosilane adj polysulfide	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/20 09:01
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	18	(rubber or elastomer\$4) and natural adj rubber and EPDM and silica and organosilane adj polysulfide	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/20 09:01
	597358	(airsleeve or air adj sleeve or membrane or roll\$4 adj lobe or diaphragm)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/20 09:01
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	0	reinforc\$4 same ( layer or liner) same parts same weight same (rubber or elastomer\$4) same natural adj rubber same olybutadienet same (ethylene same propylene same diene same terpolymer or EPDM) same silica same organosilane adj polysulfide	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/20 09:03

	1	reinforc\$4 and ( layer or liner) and weight and (rubber or elastomer\$4) and natural adj rubber and polybutadiene and (ethylene same propylene same diene same terpolymer or EPDM) and silica and organosilane adj polysulfide	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/20 09:03
	82	reinforc\$4 and ( layer or liner) and weight and (rubber or elastomer\$4) and natural adj rubber and EPDM and silica and organosilane adj polysulfide	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/20 09:03
	82	(rubber or elastomer\$4) and natural adj rubber and EPDM and silica and organosilane adj polysulfide	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/20 09:03
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PLUS 4/27/04

**Butler, Douglas**

**From:** PLUS  
**Sent:** Thursday, April 22, 2004 9:56 AM  
**To:** Butler, Douglas  
**Subject:** PLUS Results for 10624729

Here are the PLUS search results for 10624729.

This search was prepared by the staff of the Scientific and Technical Information Center, SIRA. If you have questions or comments about this search, please reply via email to PLUS@uspto.gov.



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PLUS Search Results for S/N 10624729, Searched April 22, 2004

The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

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Most Frequently Occurring Classifications of Patents Returned  
From A Search of 10624729 on April 22, 2004

Original Classifications

14 524/492  
8 524/262  
4 152/209.1  
4 524/494  
4 525/191  
3 152/450  
3 524/265  
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2 526/283

Cross-Reference Classifications

30 524/493  
18 152/905  
17 524/492  
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14 524/496  
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Combined Classifications

32 1524/493  
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Final list of search  
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2 526/346  
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10624729\_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned  
From A Search of 10624729 on April 22, 2004

32 524/493 (2 OR, 30 XR)

Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES

524/1 ..Adding a NRM to a preformed solid polymer or  
preformed specified intermediate condensation product,  
composition thereof; or process of treating or composit

ion

thereof

524/492 ...Mixing inorganic silicon-containing material  
having color or numerical limitations other than amount,  
e.g., included herein are m.p., chemical composition,  
particle size, surface area, etc., or composition or  
product thereof, DNRM

524/493 ....Inorganic silicon-containing material  
having specified dimensions

31 524/492 (14 OR, 17 XR)

Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES

524/1 ..Adding a NRM to a preformed solid polymer or  
preformed specified intermediate condensation product,  
composition thereof; or process of treating or compositi

on

thereof

524/492 ...Mixing inorganic silicon-containing material  
having color or numerical limitations other than amount,  
e.g., included herein are m.p., chemical composition,  
particle size, surface area, etc., or composition or  
product thereof, DNRM

20 524/495 (3 OR, 17 XR)

Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES

524/1 ..Adding a NRM to a preformed solid polymer or  
preformed specified intermediate condensation product,  
composition thereof; or process of treating or compositi

on

thereof

524/495 ...Mixing with carbon, e.g., graphite, etc.,  
having numerical limitations, other than amount, e.g.,  
included herein are particle size, surface area, etc., or  
composition or product thereof, DNRM

19 524/262 (8 OR, 11 XR)

Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES

524/1 ..Adding a NRM to a preformed solid polymer or  
preformed specified intermediate condensation product  
composition thereof; or process of treating or compos

ition

thereof

524/80 ...DNRM which is other than silicon dioxide,  
glass, titanium dioxide, water, halohydrocarbon,  
hydrocarbon, or elemental carbon

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524/81 ....Organic DNRM  
524/261 ....Organic silicon compound having at least  
one oxygen atom DNRM  
524/262 ....Atom other than Si, O, C, or H

18 152/905 (0 OR, 18 XR)  
Class 152 : RESILIENT TIRES AND WHEELS  
152/905 TREAD COMPOSITION

15 524/496 (1 OR, 14 XR)  
Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES  
524/1 ..Adding a NRM to a preformed solid polymer or  
preformed specified intermediate condensation product,  
composition thereof; or process of treating or composit  
ion  
thereof  
524/495 ...Mixing with carbon, e.g., graphite, etc.,  
having numerical limitations, other than amount, e.g.,  
included herein are particle size, surface area, etc., o  
r  
composition or product thereof, DNRM  
524/496 ....Carbon particle having specified dimension

11 525/332.6 (3 OR, 8 XR)  
Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES  
525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING  
OF SOLID POLYMER OR SICP WITH SICP OR SPF1; MIXING O  
F SICP  
H A  
F  
OF THE  
ABOVE OPERATIONS  
525/55 ..At least one solid polymer derived from  
ethylenic reactants only  
525/326.1 ...Chemically after treated solid polymers  
derived from ethylenically unsaturated monomers only  
525/331.9 ....Polymer derived from monomer containing at  
least two ethylenic groups or diene rubber  
525/332.5 .....Vulcanized in the presence of a chemical  
treating agent, e.g., cured, crosslinked, etc.  
525/332.6 .....Sulfur containing chemical treating agent

10 152/450 (3 OR, 7 XR)  
Class 152 : RESILIENT TIRES AND WHEELS  
152/209.26 ....Having circumferential groove width at  
least per cent of tread width  
152/450 .Pneumatic tire or inner tube

10 524/261 (1 OR, 9 XR)  
Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES  
524/1 ..Adding a NRM to a preformed solid polymer or

10624729\_CLSTITLES

preformed specified intermediate condensation product,  
composition thereof; or process of treating or composition

thereof

524/80     ...DNRM which is other than silicon dioxide,  
                  glass, titanium dioxide, water, halohydrocarbon,  
                  hydrocarbon, or elemental carbon

524/81     ....Organic DNRM

524/261     .....Organic silicon compound having at least  
                  one oxygen atom DNRM

10 524/494     (4 OR, 6 XR)

Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
                  OF THE CLASS 520 SERIES

524/1     ..Adding a NRM to a preformed solid polymer or  
                  preformed specified intermediate condensation product,  
                  composition thereof; or process of treating or composition

thereof

524/492     ...Mixing inorganic silicon-containing material  
                  having color or numerical limitations other than amount  
                  e.g., included herein are m.p., chemical composition,  
                  particle size, surface area, etc., or composition or  
                  product thereof, DNRM

524/493     .....Inorganic silicon-containing material  
                  having specified dimensions

524/494     .....Material contains glass

9 152/209.1     (4 OR, 5 XR)

Class 152 : RESILIENT TIRES AND WHEELS

152/151     TIRES, RESILIENT

152/208     .Anti-skid devices

152/209.1     ..Tread

9 524/265     (3 OR, 6 XR)

Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
                  OF THE CLASS 520 SERIES

524/1     ..Adding a NRM to a preformed solid polymer or  
                  preformed specified intermediate condensation product  
                  composition thereof; or process of treating or composition

thereof

524/80     ...DNRM which is other than silicon dioxide,  
                  glass, titanium dioxide, water, halohydrocarbon,  
                  hydrocarbon, or elemental carbon

524/81     ....Organic DNRM

524/261     .....Organic silicon compound having at least  
                  one oxygen atom DNRM

524/265     .....Oxygen atom other than as Si-O-Si and at  
                  least one Si-C or Si-H group

9 525/236     (2 OR, 7 XR)

Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
                  OF THE CLASS 520 SERIES

525/50     .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING  
                  OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF

SICP

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WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH

A  
OF THE  
CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF  
FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY

ABOVE OPERATIONS

525/55 . . . At least one solid polymer derived from  
ethylenic reactants only  
525/191 . . . Polymer mixture of two or more solid  
polymers derived from ethylenically unsaturated reactan  
ts  
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ny  
only; or mixtures of said polymer mixture with a chemic  
treating agent; or products or processes of preparing a  
of the above mixtures  
525/232 . . . . Solid polymer derived from reactant  
containing at least two ethylenic groups and is devoid o  
f  
aryl ring  
525/236 . . . . At least two polymers derived from  
reactants containing two or more ethylenic groups and  
devoid of an aryl ring

9 525/237 (1 OR, 8 XR)

Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES  
525/50 . . . MIXING OF TWO OR MORE SOLID POLYMERS; MIXING  
OF SOLID POLYMER OR SICP WITH SICP OR SPF1; MIXING O  
F SICP  
H A  
F  
OF THE  
FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY

ABOVE OPERATIONS

525/55 . . . At least one solid polymer derived from  
ethylenic reactants only  
525/191 . . . Polymer mixture of two or more solid  
polymers derived from ethylenically unsaturated reacta  
nts  
cal  
any  
only; or mixtures of said polymer mixture with a chemi  
treating agent; or products or processes of preparing  
of the above mixtures  
525/232 . . . . Solid polymer derived from reactant  
containing at least two ethylenic groups and is devoid  
of  
aryl ring  
525/236 . . . . At least two polymers derived from  
reactants containing two or more ethylenic groups and  
devoid of an aryl ring  
525/237 . . . . At least one of these polymers is derived  
from two or more reactants

8 524/571 (1 OR, 7 XR)

Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART

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OF THE CLASS 520 SERIES  
524/1 ..Adding a NRM to a preformed solid polymer or  
preformed specified intermediate condensation product,  
composition thereof; or process of treating or composi  
tion

thereof  
524/543 ...Polymer derived from ethylenic reactants  
only  
524/570 ....From hydrocarbon monomer  
524/571 ....Conjugated diene hydrocarbon monomer

7 525/191 (4 OR, 3 XR)  
Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES  
525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING  
OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF S

ICP  
WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH A  
CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF  
FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY OF  
THE

ABOVE OPERATIONS  
525/55 ..At least one solid polymer derived from  
ethylenic reactants only  
525/191 ...Polymer mixture of two or more solid  
polymers derived from ethylenically unsaturated reactants  
only; or mixtures of said polymer mixture with a chemical  
treating agent; or products or processes of preparing any  
of the above mixtures

7 525/342 (3 OR, 4 XR)  
Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES  
525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING  
OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF S

ICP  
WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH A  
CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF  
FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY OF  
THE

ABOVE OPERATIONS  
525/55 ..At least one solid polymer derived from  
ethylenic reactants only  
525/342 ...Chemical treating agent contains a silicon  
atom

6 152/564 (0 OR, 6 XR)  
Class 152 : RESILIENT TIRES AND WHEELS  
152/209.26 ....Having circumferential groove width at  
least per cent of tread width  
152/450 .Pneumatic tire or inner tube  
152/548 ..Characterized by the carcass, carcass  
material, or physical arrangement of the carcass material  
s  
he  
152/564 ...Carcass characterized by the chemical  
composition or physical properties of the elastomers or t  
like

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6 523/213 (2 OR, 4 XR)  
Class 523 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES  
523/1 .PROCESSES OF PREPARING A DESIRED OR  
INTENTIONAL COMPOSITION OF AT LEAST ONE NONREACTANT  
MATERIAL AND AT LEAST ONE SOLID POLYMER OR SPECIFIED  
INTERMEDIATE CONDENSATION PRODUCT, OR PRODUCT THEREOF  
523/200 ..Process of forming a composition of a solid  
polymer or solid polymer forming system by admixing a  
product in the form of a surface coated, impregnated,  
encapsulated, or surface modified fiber, sheet, particl  
e,  
sult  
of said admixing  
523/212 ...Product having a silicon atom as part of an  
organic compound  
523/213 ....Silicon containing organic material having  
an atom other than Si, C, H, or oxygen

6 524/264 (1 OR, 5 XR)  
Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES  
524/1 ..Adding a NRM to a preformed solid polymer or  
preformed specified intermediate condensation product  
composition thereof; or process of treating or compos  
ition  
thereof  
524/80 ...DNRM which is other than silicon dioxide,  
glass, titanium dioxide, water, halohydrocarbon,  
hydrocarbon, or elemental carbon  
524/81 ....Organic DNRM  
524/261 .....Organic silicon compound having at least  
one oxygen atom DNRM  
524/264 .....Ethylenic group

6 525/232 (0 OR, 6 XR)  
Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES  
525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING  
OF SOLID POLYMER OR SICP WITH SICP OR SPF1; MIXING OF  
SICP  
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WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH  
CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF  
FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY O  
O  
ABOVE OPERATIONS  
525/55 ..At least one solid polymer derived from  
ethylenic reactants only  
525/191 ...Polymer mixture of two or more solid  
polymers derived from ethylenically unsaturated reactant  
only; or mixtures of said polymer mixture with a chemica  
treating agent; or products or processes of preparing an

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of the above mixtures

525/232      ....Solid polymer derived from reactant containing at least two ethylenic groups and is devoid of aryl ring

6 525/241      (1 OR, 5 XR)

Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES

525/50      .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF SICP WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH A CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY OF THE ABOVE OPERATIONS

525/55      ..At least one solid polymer derived from ethylenic reactants only

525/191      ....Polymer mixture of two or more solid polymers derived from ethylenically unsaturated reactant only; or mixtures of said polymer mixture with a chemical treating agent; or products or processes of preparing an of the above mixtures

525/241      ....Solid polymer derived from an aromatic hydrocarbon reactant

6 525/333.1      (1 OR, 5 XR)

Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES

525/50      .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF SICP WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH A CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY OF THE ABOVE OPERATIONS

525/55      ..At least one solid polymer derived from ethylenic reactants only

525/326.1      ....Chemically after treated solid polymers derived from ethylenically unsaturated monomers only

525/331.9      ....Polymer derived from monomer containing at least two ethylenic groups or diene rubber

525/333.1      .....Isoprene or diene rubber other than butadiene rubber

6 526/174      (3 OR, 3 XR)

Class 526 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES

526/72      .POLYMERS FROM ONLY ETHYLENIC MONOMERS OR PROCESSES OF POLYMERIZING, POLYMERIZABLE COMPOSITIONS CONTAINING ONLY ETHYLENIC MONOMERS AS REACTANTS OR PROCESSES OF PREPARING

526/89      ..Polymerizing in the presence of a specified

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material other than monomer

526/173 ...Material contains elemental alkali metal, hydride thereof, or alkali metal to carbon atom bond (Li

Na, K, Rb, Cs, Fr)

526/174 ....Contains at least two diverse alkali metal atoms, at least one of which is in the form of a free alkali metal, or in the form of a hydride, or has an alkali metal to carbon atom bond

6 526/335 (3 OR, 3 XR)

Class 526 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES

526/72 .POLYMERS FROM ONLY ETHYLENIC MONOMERS OR PROCESSES OF POLYMERIZING, POLYMERIZABLE COMPOSITIONS CONTAINING ONLY ETHYLENIC MONOMERS AS REACTANTS OR PROCESSES OF PREPARING

526/335 ..From hydrocarbon monomer containing at least two ethylenic groups, e.g., butadiene, etc.

6 526/340 (0 OR, 6 XR)

Class 526 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES

526/72 .POLYMERS FROM ONLY ETHYLENIC MONOMERS OR PROCESSES OF POLYMERIZING, POLYMERIZABLE COMPOSITIONS CONTAINING ONLY ETHYLENIC MONOMERS AS REACTANTS OR PROCESSES OF PREPARING

526/335 ..From hydrocarbon monomer containing at least two ethylenic groups, e.g., butadiene, etc.

526/340 ...Interpolymerized with aromatic hydrocarbon

5 525/221 (0 OR, 5 XR)

Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES

525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING OF SOLID POLYMER OR SICP WITH SICP OR SPF1; MIXING OF

SICP

WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH

A

CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY O

F THE

ABOVE OPERATIONS

525/55 ..At least one solid polymer derived from ethylenic reactants only

525/191 ...Polymer mixture of two or more solid polymers derived from ethylenically unsaturated reactant only; or mixtures of said polymer mixture with a chemical treating agent; or products or processes of preparing an

s

of the above mixtures

525/221 ....Solid polymer derived from reactant containing a carboxylic acid group

5 525/240 (0 OR, 5 XR)

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Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES  
525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING  
OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF  
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SICP  
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OF THE

ABOVE OPERATIONS

525/55 ...At least one solid polymer derived from  
ethylenic reactants only  
525/191 ...Polymer mixture of two or more solid  
polymers derived from ethylenically unsaturated reactant  
only; or mixtures of said polymer mixture with a chemica  
treating agent; or products or processes of preparing an  
of the above mixtures  
525/240 ....Solid polymer derived from ethylene or  
propylene

5 525/343 (0 OR, 5 XR)

Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES  
525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING  
OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF S  
WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH A  
CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF  
FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY OF

ABOVE OPERATIONS

525/55 ...At least one solid polymer derived from  
ethylenic reactants only  
525/343 ...Chemical treating agent contains a sulfur  
atom

5 525/349 (2 OR, 3 XR)

Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES  
525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING  
OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF  
WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH  
CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF  
FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY

ABOVE OPERATIONS

525/55 ...At least one solid polymer derived from  
ethylenic reactants only  
525/343 ...Chemical treating agent contains a sulfur  
atom  
525/348 ....Sulfur-containing heterocyclic compound  
525/349 .....Heterocyclic ring contains sulfur and  
nitrogen atoms

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5 525/351 (1 OR, 4 XR)  
Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES  
525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING  
OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF  
SICP  
WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH  
A  
CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF  
F THE  
ABOVE OPERATIONS  
525/55 ..At least one solid polymer derived from  
ethylenic reactants only  
525/343 ...Chemical treating agent contains a sulfur  
atom  
525/351 ....Organic compound contains sulfur and  
nitrogen atoms

5 526/180 (0 OR, 5 XR)  
Class 526 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES  
526/72 .POLYMERS FROM ONLY ETHYLENIC MONOMERS OR  
PROCESSES OF POLYMERIZING, POLYMERIZABLE COMPOSITIONS  
CONTAINING ONLY ETHYLENIC MONOMERS AS REACTANTS OR  
PROCESSES OF PREPARING  
526/89 ..Polymerizing in the presence of a specified  
material other than monomer  
526/173 ...Material contains elemental alkali metal,  
hydride thereof, or alkali metal to carbon atom bond (Li  
Na, K, Rb, Cs, Fr)  
526/180 ....Contains compound of nitrogen

5 526/181 (0 OR, 5 XR)  
Class 526 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES  
526/72 .POLYMERS FROM ONLY ETHYLENIC MONOMERS OR  
PROCESSES OF POLYMERIZING, POLYMERIZABLE COMPOSITIONS  
CONTAINING ONLY ETHYLENIC MONOMERS AS REACTANTS OR  
PROCESSES OF PREPARING  
526/89 ..Polymerizing in the presence of a specified  
material other than monomer  
526/173 ...Material contains elemental alkali metal,  
hydride thereof, or alkali metal to carbon atom bond (Li  
Na, K, Rb, Cs, Fr)  
526/181 ....Contains oxygen atom

4 152/209.5 (0 OR, 4 XR)  
Class 152 : RESILIENT TIRES AND WHEELS  
152/151 TIRES, RESILIENT  
152/208 .Anti-skid devices  
152/209.1 ..Tread  
152/209.5 ....Having tread sections (e.g., base-cap, etc.)  
containing different specified physio-chemical properties  
(e.g., hysteresis, modulus, hardness, etc.) or compositio  
ns

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4 523/216 (1 OR, 3 XR)  
Class 523 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES  
523/1 .PROCESSES OF PREPARING A DESIRED OR  
INTENTIONAL COMPOSITION OF AT LEAST ONE NONREACTANT  
MATERIAL AND AT LEAST ONE SOLID POLYMER OR SPECIFIED  
INTERMEDIATE CONDENSATION PRODUCT, OR PRODUCT THEREOF  
523/200 ..Process of forming a composition of a solid  
polymer or solid polymer forming system by admixing a  
product in the form of a surface coated, impregnated,  
encapsulated, or surface modified fiber, sheet, particle  
ult  
of said admixing  
523/216 ...Product having a silicon atom

4 523/438 (1 OR, 3 XR)  
Class 523 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES  
523/1 .PROCESSES OF PREPARING A DESIRED OR  
INTENTIONAL COMPOSITION OF AT LEAST ONE NONREACTANT  
MATERIAL AND AT LEAST ONE SOLID POLYMER OR SPECIFIED  
INTERMEDIATE CONDENSATION PRODUCT, OR PRODUCT THEREOF  
523/400 ..Process of forming a composition containing a  
nonreactive material (NRM) and a polymer containing mor  
e  
d  
e  
than one 1,2-epoxy group, or a preformed polymer derive  
from or admixed with a reactant containing more than on  
1,2-epoxy group, or with a polymer derived from an  
epihalohydrin and a polyhydric phenol or polyol; or  
composition or product thereof  
523/437 ...Two or more polymers derived from ethylenic  
reactants only  
523/438 ....Polymer derived from ethylenic reactants  
only derived from plural unsaturated reactant

4 524/266 (1 OR, 3 XR)  
Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES  
524/1 ..Adding a NRM to a preformed solid polymer or  
preformed specified intermediate condensation produc  
t,  
composition  
thereof  
524/80 ...DNRM which is other than silicon dioxide,  
glass, titanium dioxide, water, halohydrocarbon,  
hydrocarbon, or elemental carbon  
524/81 ....Organic DNRM  
524/261 .....Organic silicon compound having at least  
one oxygen atom DNRM  
524/265 .....Oxygen atom other than as Si-O-Si and at  
least one Si-C or Si-H group  
524/266 .....Silicon containing SICP or solid polymer

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4 524/267 (0 OR, 4 XR)  
Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES  
524/1 ..Adding a NRM to a preformed solid polymer or  
preformed specified intermediate condensation product  
composition thereof; or process of treating or compos  
ition  
thereof  
524/80 ...DNRM which is other than silicon dioxide,  
glass, titanium dioxide, water, halohydrocarbon,  
hydrocarbon, or elemental carbon  
524/81 ....Organic DNRM  
524/261 .....Organic silicon compound having at least  
one oxygen atom DNRM  
524/267 .....Two or more Si atoms and at least one  
Si-C or Si-H group

4 524/526 (1 OR, 3 XR)  
Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES  
524/1 ..Adding a NRM to a preformed solid polymer or  
preformed specified intermediate condensation produc  
t,  
composition  
thereof  
524/500 ...Containing two or more solid polymers; solid  
polymer or SICP and a SICP, SPF1, or an ethylenic rea  
ctant  
or product thereof  
524/502 ....At least one solid polymer derived from  
ethylenic reactants only  
524/515 ....Two or more solid polymers derived from  
ethylenic reactants only  
524/525 .....Solid polymer derived from monomer  
containing two or more ethylenic groups  
524/526 .....Two or more polymers derived from  
reactant containing two or more ethylenic groups

4 524/574 (0 OR, 4 XR)  
Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES  
524/1 ..Adding a NRM to a preformed solid polymer or  
preformed specified intermediate condensation product  
composition thereof; or process of treating or compos  
ition  
thereof  
524/543 ...Polymer derived from ethylenic reactants  
only  
524/570 ....From hydrocarbon monomer  
524/571 .....Conjugated diene hydrocarbon monomer  
524/574 .....Interpolymer with at least one aliphatic  
hydrocarbon monomer, e.g., butyl rubber, etc.

4 524/575 (0 OR, 4 XR)

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Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES  
524/1 ..Adding a NRM to a preformed solid polymer or  
preformed specified intermediate condensation product  
composition thereof; or process of treating or composi  
tion  
thereof  
524/543 ...Polymer derived from ethylenic reactants  
only  
524/570 ....From hydrocarbon monomer  
524/571 .....Conjugated diene hydrocarbon monomer  
524/575 .....Interpolymer with at least one aromatic  
hydrocarbon monomer

4 524/860 (0 OR, 4 XR)  
Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES  
524/858 ..Si-containing reactant forming a solid  
polymer or SICP in the presence of a nonreactant materia  
1

524/860 ...Poly (di organo siloxane) reactant, i.e.,  
(R-Si(R)-O)-\* where R is an organic radical and \* is  
subscript two or more

4 525/101 (0 OR, 4 XR)  
Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES  
525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING  
OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF  
SICP  
WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH  
A  
CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF  
F THE  
FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY O  
F THE  
ABOVE OPERATIONS

525/55 ..At least one solid polymer derived from  
ethylenic reactants only  
525/100 ...With saturated Si-C or Si-H reactant or  
polymer thereof; or with solid copolymer derived from at  
least one Si-C or Si-H reactant wherein at least one of  
the  
reactants forming the solid copolymer is saturated; or w  
ith  
SPFI wherein at least one of the necessary ingredients  
contains a Si-C or Si-H bond or with a reaction product  
thereof; or with a SICP containing a Si-H or Si-C bond  
525/101 ....Contacting with nonsilicon-containing SICP,  
nonsilicon-containing SPFI, or polymer thereof; or with t  
wo  
or more solid polymers

4 525/331.8 (1 OR, 3 XR)  
Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES  
525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING  
OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF

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SICP

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OF THE

ABOVE OPERATIONS

- 525/55 ...At least one solid polymer derived from ethylenic reactants only
- 525/326.1 ...Chemically after treated solid polymers derived from ethylenically unsaturated monomers only
- 525/331.7 ....Ethylene-propylene terpolymer, e.g., EPT, EPDM, EPR, etc.
- 525/331.8 .....Sulfur containing chemical treating agent

4 525/332.9 (0 OR, 4 XR)

Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES

525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING  
OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF

SICP

A

OF THE

ABOVE OPERATIONS

- 525/55 ...At least one solid polymer derived from ethylenic reactants only
- 525/326.1 ...Chemically after treated solid polymers derived from ethylenically unsaturated monomers only
- 525/331.9 ....Polymer derived from monomer containing at least two ethylenic groups or diene rubber
- 525/332.9 .....Interpolymer with aromatic hydrocarbon

4 525/99 (3 OR, 1 XR)

Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES

525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING  
OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING O

F SICP

H A

F

OF THE

ABOVE OPERATIONS

- 525/55 ...At least one solid polymer derived from ethylenic reactants only
- 525/88 ...Mixing of solid block or block-type copolymer with other solid polymer; mixing of said polymer mixture with a chemical treating agent; mixing of a block or block-type copolymer with SICP or with SPFI; or processes of forming or reacting; or the resultant product

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of any of the above operations

525/95        ....Mixture contains solid block or block-type copolymer derived from ethylenically unsaturated hydrocarbon reactants only at least one of which contains

at least four carbon atoms

525/98        ....Solid block or block-type copolymer derived from reactant containing plural unsaturation

525/99        .....With solid polymer derived from reactant containing plural unsaturation

3 502/154        (2 OR, 1 XR)

Class 502 : CATALYST, SOLID SORBENT, OR SUPPORT THEREFOR: PRODUCT OR PROCESS OF MAKING

502/100        CATALYST OR PRECURSOR THEREFOR

502/150        .Organic compound containing

502/152        ..Organic compound including carbon-metal bond

502/154        ...Including metal compound containing different metal than that bonded to carbon

3 502/155        (0 OR, 3 XR)

Class 502 : CATALYST, SOLID SORBENT, OR SUPPORT THEREFOR: PRODUCT OR PROCESS OF MAKING

502/100        CATALYST OR PRECURSOR THEREFOR

502/150        .Organic compound containing

502/152        ..Organic compound including carbon-metal bond

502/155        ...Including phosphorus or sulfur or compound containing nitrogen or phosphorus or sulfur

3 502/156        (0 OR, 3 XR)

Class 502 : CATALYST, SOLID SORBENT, OR SUPPORT THEREFOR: PRODUCT OR PROCESS OF MAKING

502/100        CATALYST OR PRECURSOR THEREFOR

502/150        .Organic compound containing

502/152        ..Organic compound including carbon-metal bond

502/156        ...Including alcohol, phenol, or ether

3 502/157        (0 OR, 3 XR)

Class 502 : CATALYST, SOLID SORBENT, OR SUPPORT THEREFOR: PRODUCT OR PROCESS OF MAKING

502/100        CATALYST OR PRECURSOR THEREFOR

502/150        .Organic compound containing

502/152        ..Organic compound including carbon-metal bond

502/157        ...Alkali metal bonded to carbon

3 523/212        (0 OR, 3 XR)

Class 523 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES

523/1        .PROCESSES OF PREPARING A DESIRED OR INTENTIONAL COMPOSITION OF AT LEAST ONE NONREACTANT MATERIAL AND AT LEAST ONE SOLID POLYMER OR SPECIFIED INTERMEDIATE CONDENSATION PRODUCT, OR PRODUCT THEREOF

523/200        ..Process of forming a composition of a solid polymer or solid polymer forming system by admixing a product in the form of a surface coated, impregnated,

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encapsulated, or surface modified fiber, sheet, particle  
or web, with a material; or composition which is the res  
ult

of said admixing  
523/212 ...Product having a silicon atom as part of an  
organic compound

3 524/269 (1 OR, 2 XR)  
Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES  
524/1 ..Adding a NRM to a preformed solid polymer or  
preformed specified intermediate condensation produc  
t,  
sition  
thereof  
524/80 ...DNRM which is other than silicon dioxide,  
glass, titanium dioxide, water, halohydrocarbon,  
hydrocarbon, or elemental carbon  
524/81 ....Organic DNRM  
524/261 .....Organic silicon compound having at least  
one oxygen atom DNRM  
524/267 .....Two or more Si atoms and at least one  
Si-C or Si-H group  
524/269 .....Solid polymer derived from ethylenic  
reactants only

3 524/305 (0 OR, 3 XR)  
Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES  
524/1 ..Adding a NRM to a preformed solid polymer or  
preformed specified intermediate condensation pro  
duct,  
mposition  
thereof  
524/80 ...DNRM which is other than silicon dioxide,  
glass, titanium dioxide, water, halohydrocarbon,  
hydrocarbon, or elemental carbon  
524/81 ....Organic DNRM  
524/284 .....Carboxylic acid or derivative and wherein  
the derivative is other than a metal salt DNRM  
524/300 .....Two or more carbon atoms  
524/302 .....Sulfur, e.g., factice, etc.  
524/303 .....Only two carboxylic acid or ester  
groups, e.g., distearyl thiodipropionate, etc.  
524/304 .....With a nonreactive material  
524/305 .....Nonreactive material contains atom  
other than C, H, or O

3 524/318 (0 OR, 3 XR)  
Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES  
524/1 ..Adding a NRM to a preformed solid polymer or  
preformed specified intermediate condensation produ  
ct,  
sition  
composition

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thereof

524/80 . . . DNRM which is other than silicon dioxide, glass, titanium dioxide, water, halohydrocarbon, hydrocarbon, or elemental carbon

524/81 . . . . Organic DNRM

524/284 . . . . . Carboxylic acid or derivative and wherein the derivative is other than a metal salt DNRM

524/300 . . . . . Two or more carbon atoms

524/315 . . . . . Carboxylic acid ester

524/318 . . . . . Acyl group of the carboxylic acid has at least fifteen carbon atoms, e.g., butyl stearate, etc.

3 524/392 (1 OR, 2 XR)

Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES

524/1 . . . Adding a NRM to a preformed solid polymer or preformed specified intermediate condensation product, composition thereof; or process of treating or composition

thereof

524/80 . . . DNRM which is other than silicon dioxide, glass, titanium dioxide, water, halohydrocarbon, hydrocarbon, or elemental carbon

524/81 . . . . Organic DNRM

524/392 . . . . . Organic chalcogen other than oxygen as DNRM

3 524/424 (2 OR, 1 XR)

Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES

524/1 . . . Adding a NRM to a preformed solid polymer or preformed specified intermediate condensation product, composition thereof; or process of treating or composition

thereof

524/80 . . . DNRM which is other than silicon dioxide, glass, titanium dioxide, water, halohydrocarbon, hydrocarbon, or elemental carbon

524/401 . . . . Inorganic compound devoid of a silicon atom DNRM

524/424 . . . . . Carbon atom DNRM

3 524/505 (1 OR, 2 XR)

Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES

524/1 . . . Adding a NRM to a preformed solid polymer or preformed specified intermediate condensation product, composition thereof; or process of treating or composition

thereof

524/500 . . . . Containing two or more solid polymers; solid polymer or SICP and a SICP, SPF1, or an ethylenic react

ant

or product thereof

524/502 . . . . . At least one solid polymer derived from ethylenic reactants only

524/505 . . . . . Solid block or solid block-type copolymer with other solid polymer, SICP or SPF1

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3 524/506 (3 OR, 0 XR)  
Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES  
524/1 ..Adding a NRM to a preformed solid polymer or  
preformed specified intermediate condensation product,  
composition thereof; or process of treating or composi  
tion  
thereof  
524/500 ...Containing two or more solid polymers; solid  
polymer or SICP and a SICP, SPFI, or an ethylenic react  
ant  
or product thereof  
524/502 ....At least one solid polymer derived from  
ethylenic reactants only  
524/506 ....With solid polymer derived from at least  
one Si-H or Si-C reactant wherein at least one of the  
reactants forming the solid polymer is saturated; or with  
SPFI or SICP derived from a Si-H or Si-C reactant wherein  
at least one of the necessary reactants is saturated

3 524/518 (3 OR, 0 XR)  
Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES  
524/1 ..Adding a NRM to a preformed solid polymer or  
preformed specified intermediate condensation product  
composition thereof; or process of treating or composi  
tion  
thereof  
524/500 ...Containing two or more solid polymers; solid  
polymer or SICP and a SICP, SPFI, or an ethylenic react  
tant  
or product thereof  
524/502 ....At least one solid polymer derived from  
ethylenic reactants only  
524/515 ....Two or more solid polymers derived from  
ethylenic reactants only  
524/518 ....Solid polymer derived from fused or  
bridged ring monomer

3 524/84 (0 OR, 3 XR)  
Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES  
524/1 ..Adding a NRM to a preformed solid polymer or  
preformed specified intermediate condensation product  
composition thereof; or process of treating or composi  
tion  
thereof  
524/80 ...DNRM which is other than silicon dioxide,  
glass, titanium dioxide, water, halohydrocarbon,  
hydrocarbon, or elemental carbon  
524/81 ....Organic DNRM  
524/82 ....Sulfur atom as part of a hetero ring DNRM  
524/84 .....Five-membered sulfur ring

3 525/100 (0 OR, 3 XR)

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Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES

525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING  
OF SOLID POLYMER OR SICP WITH SICP OR SPF1; MIXING OF S

ICP

WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH A  
CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF  
FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY OF

THE

ABOVE OPERATIONS

525/55 ..At least one solid polymer derived from  
ethylenic reactants only

525/100 ...With saturated Si-C or Si-H reactant or  
polymer thereof; or with solid copolymer derived from at  
least one Si-C or Si-H reactant wherein at least one of t  
he  
th  
reactants forming the solid copolymer is saturated; or wi

SPFI wherein at least one of the necessary ingredients  
contains a Si-C or Si-H bond or with a reaction product  
thereof; or with a SICP containing a Si-H or Si-C bond

3 525/102 (0 OR, 3 XR)

Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES

525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING  
OF SOLID POLYMER OR SICP WITH SICP OR SPF1; MIXING OF

SICP

WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH

A

CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF  
FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY O

F THE

ABOVE OPERATIONS

525/55 ..At least one solid polymer derived from  
ethylenic reactants only

525/100 ...With saturated Si-C or Si-H reactant or  
polymer thereof; or with solid copolymer derived from at  
least one Si-C or Si-H reactant wherein at least one of  
the  
th  
reactants forming the solid copolymer is saturated; or w

SPFI wherein at least one of the necessary ingredients  
contains a Si-C or Si-H bond or with a reaction product  
thereof; or with a SICP containing a Si-H or Si-C bond

525/102 ....Si-H or Si-C reactant contains an atom  
other than C, H, O, or Si bonded to a carbon atom

3 525/105 (0 OR, 3 XR)

Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES

525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING  
OF SOLID POLYMER OR SICP WITH SICP OR SPF1; MIXING OF

SICP

WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH

A

CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF  
FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY O

F THE

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ABOVE OPERATIONS

525/55 . . At least one solid polymer derived from ethylenic reactants only

525/100 . . . With saturated Si-C or Si-H reactant or polymer thereof; or with solid copolymer derived from at least one Si-C or Si-H reactant wherein at least one of the reactants forming the solid copolymer is saturated; or with SPCI wherein at least one of the necessary ingredients contains a Si-C or Si-H bond or with a reaction product thereof; or with a SICP containing a Si-H or Si-C bond

525/105 . . . . Solid polymer from ethylenic reactants only is derived from plural unsaturated hydrocarbon

3 525/106 (0 OR, 3 XR)

Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES

525/50 . . . MIXING OF TWO OR MORE SOLID POLYMERS; MIXING OF SOLID POLYMER OR SICP WITH SICP OR SPF1; MIXING OF SICP WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH A CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY OF THE

F THE

ABOVE OPERATIONS

525/55 . . At least one solid polymer derived from ethylenic reactants only

525/100 . . . With saturated Si-C or Si-H reactant or polymer thereof; or with solid copolymer derived from at least one Si-C or Si-H reactant wherein at least one of the reactants forming the solid copolymer is saturated; or with SPF1 wherein at least one of the necessary ingredients contains a Si-C or Si-H bond or with a reaction product thereof; or with a SICP containing a Si-H or Si-C bond

525/106 . . . . Solid polymer from ethylenic reactants only is derived from unsaturated hydrocarbon

3 525/212 (0 OR, 3 XR)

Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES

525/50 . . . MIXING OF TWO OR MORE SOLID POLYMERS; MIXING OF SOLID POLYMER OR SICP WITH SICP OR SPF1; MIXING OF SICP WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH A CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY OF THE

F THE

ABOVE OPERATIONS

525/55 . . At least one solid polymer derived from ethylenic reactants only

525/191 . . . . Polymer mixture of two or more solid polymers derived from ethylenically unsaturated reactant only; or mixtures of said polymer mixture with a chemica

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Y  
Y  
525/212      treating agent; or products or processes of preparing an  
of the above mixtures  
525/212      ....Solid polymer derived from  
sulfur-containing reactant

3 525/332.8    (0 OR, 3 XR)  
Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES  
525/50      .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING  
OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF  
SICP  
A  
WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH  
CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF  
FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY  
OF THE  
ABOVE OPERATIONS  
525/55      ..At least one solid polymer derived from  
ethylenic reactants only  
525/326.1     ...Chemically after treated solid polymers  
derived from ethylenically unsaturated monomers only  
525/331.9     ....Polymer derived from monomer containing at  
least two ethylenic groups or diene rubber  
525/332.8     .....Interpolymer with aliphatic hydrocarbon  
monomer (includes additional diene monomer)

3 525/333.2    (0 OR, 3 XR)  
Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES  
525/50      .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING  
OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF  
SICP  
A  
WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH  
CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF  
FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY  
OF THE  
ABOVE OPERATIONS  
525/55      ..At least one solid polymer derived from  
ethylenic reactants only  
525/326.1     ...Chemically after treated solid polymers  
derived from ethylenically unsaturated monomers only  
525/331.9     ....Polymer derived from monomer containing at  
least two ethylenic groups or diene rubber  
525/333.2     .....Butadiene homopolymer

3 526/220     (0 OR, 3 XR)  
Class 526 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES  
526/72      .POLYMERS FROM ONLY ETHYLENIC MONOMERS OR  
PROCESSES OF POLYMERIZING, POLYMERIZABLE COMPOSITIONS  
CONTAINING ONLY ETHYLENIC MONOMERS AS REACTANTS OR  
PROCESSES OF PREPARING  
526/89      ..Polymerizing in the presence of a specified  
material other than monomer  
526/217     ...Material contains organic nitrogen compound

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526/220 ....Organic nitrogen compound contains at least one S or O atom chemically bound therein

3 526/310 (0 OR, 3 XR)  
Class 526 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES  
526/72 .POLYMERS FROM ONLY ETHYLENIC MONOMERS OR PROCESSES OF POLYMERIZING, POLYMERIZABLE COMPOSITIONS CONTAINING ONLY ETHYLENIC MONOMERS AS REACTANTS OR PROCESSES OF PREPARING  
526/310 ..From nitrogen containing monomer other than acrylonitrile or methacrylonitrile

3 526/320 (0 OR, 3 XR)  
Class 526 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES  
526/72 .POLYMERS FROM ONLY ETHYLENIC MONOMERS OR PROCESSES OF POLYMERIZING, POLYMERIZABLE COMPOSITIONS CONTAINING ONLY ETHYLENIC MONOMERS AS REACTANTS OR PROCESSES OF PREPARING  
526/319 ..From carboxylic acid ester monomer  
526/320 ...Ether or hydroxy containing

3 526/339 (1 OR, 2 XR)  
Class 526 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES  
526/72 .POLYMERS FROM ONLY ETHYLENIC MONOMERS OR PROCESSES OF POLYMERIZING, POLYMERIZABLE COMPOSITIONS CONTAINING ONLY ETHYLENIC MONOMERS AS REACTANTS OR PROCESSES OF PREPARING  
526/335 ..From hydrocarbon monomer containing at least two ethylenic groups, e.g., butadiene, etc.  
526/339 ...Interpolymerized with aliphatic hydrocarbon

3 526/347 (0 OR, 3 XR)  
Class 526 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES  
526/72 .POLYMERS FROM ONLY ETHYLENIC MONOMERS OR PROCESSES OF POLYMERIZING, POLYMERIZABLE COMPOSITIONS CONTAINING ONLY ETHYLENIC MONOMERS AS REACTANTS OR PROCESSES OF PREPARING  
526/346 ..From aromatic hydrocarbon  
526/347 ...Interpolymerized

2 106/490 (0 OR, 2 XR)  
Class 106 : COMPOSITIONS: COATING OR PLASTIC  
106/400 .Pigment, filler, or aggregate compositions, e.g., stone, shale, pebbles, rock, etc.  
106/401 ..Composition contains identified material other than water  
106/481 ...Silicon containing  
106/482 ....Inorganic silicon compound, e.g., diatomaceous earth, soil, glass, sand, etc., or material derived therefrom  
106/490 .....Organic silicon material containing

2 106/491 (1 OR, 1 XR)  
Class 106 : COMPOSITIONS: COATING OR PLASTIC

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106/400 .Pigment, filler, or aggregate compositions,  
e.g., stone, shale, pebbles, rock, etc.  
106/401 ..Composition contains identified material  
other than water  
106/481 ...Silicon containing  
106/482 ....Inorganic silicon compound, e.g.,  
diatomaceous earth, soil, glass, sand, etc., or material  
derived therefrom  
106/491 .....Organic material containing

2 152/151 (0 OR, 2 XR)

Class 152 : RESILIENT TIRES AND WHEELS  
152/151 TIRES, RESILIENT

2 152/525 (0 OR, 2 XR)

Class 152 : RESILIENT TIRES AND WHEELS  
152/209.26 ....Having circumferential groove width at  
least per cent of tread width  
152/450 .Pneumatic tire or inner tube  
152/525 ..Characterized by chemical composition or  
physical properties of external sidewall materials

2 152/548 (0 OR, 2 XR)

Class 152 : RESILIENT TIRES AND WHEELS  
152/209.26 ....Having circumferential groove width at.  
least per cent of tread width  
152/450 .Pneumatic tire or inner tube  
152/548 ..Characterized by the carcass, carcass  
material, or physical arrangement of the carcass materials

2 425/340 (0 OR, 2 XR)

Class 425 : PLASTIC ARTICLE OR EARTHENWARE SHAPING OR  
TREATING: APPARATUS  
425/340 PLURAL RESHAPING MEANS OR PLURAL VULCANIZING  
MEANS INCLUDING CONFORMING PREFORM SUPPORT

2 425/363 (0 OR, 2 XR)

Class 425 : PLASTIC ARTICLE OR EARTHENWARE SHAPING OR  
TREATING: APPARATUS  
425/363 PRESS FORMING MEANS, PRESS RESHAPING MEANS, OR  
VULCANIZING MEANS IS ENDLESS SURFACE TYPE

2 523/215 (0 OR, 2 XR)

Class 523 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES  
523/1 .PROCESSES OF PREPARING A DESIRED OR  
INTENTIONAL COMPOSITION OF AT LEAST ONE NONREACTANT  
MATERIAL AND AT LEAST ONE SOLID POLYMER OR SPECIFIED  
INTERMEDIATE CONDENSATION PRODUCT, OR PRODUCT THEREOF  
523/200 ..Process of forming a composition of a solid  
polymer or solid polymer forming system by admixing a  
product in the form of a surface coated, impregnated,  
encapsulated, or surface modified fiber, sheet, particle  
or web, with a material; or composition which is the res  
ult  
of said admixing  
523/215 ...Product having elemental carbon

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2 524/111 (1 OR, 1 XR)  
Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES  
524/1 ..Adding a NRM to a preformed solid polymer or  
preformed specified intermediate condensation product  
composition thereof; or process of treating or composition  
thereof  
524/80 ...DNRM which is other than silicon dioxide,  
glass, titanium dioxide, water, halohydrocarbon,  
hydrocarbon, or elemental carbon  
524/81 ....Organic DNRM  
524/107 .....At least one chalcogen atom as part of a  
hetero ring (chalcogen=O, Se, Te) DNRM  
524/111 .....Five-membered chalcogen ring

2 524/146 (0 OR, 2 XR)  
Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES  
524/1 ..Adding a NRM to a preformed solid polymer or  
preformed specified intermediate condensation product  
composition thereof; or process of treating or composition  
thereof  
524/80 ...DNRM which is other than silicon dioxide,  
glass, titanium dioxide, water, halohydrocarbon,  
hydrocarbon, or elemental carbon  
524/81 ....Organic DNRM  
524/115 .....Phosphorus organic compound DNRM  
524/146 .....Phosphorus directly bonded to sulfur

2 524/155 (0 OR, 2 XR)  
Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES  
524/1 ..Adding a NRM to a preformed solid polymer or  
preformed specified intermediate condensation product,  
composition thereof; or process of treating or composition  
thereof  
524/80 ...DNRM which is other than silicon dioxide,  
glass, titanium dioxide, water, halohydrocarbon,  
hydrocarbon, or elemental carbon  
524/81 ....Organic DNRM  
524/155 .....Organic compound having a sulfur bonded  
directly to oxygen DNRM

2 524/202 (1 OR, 1 XR)  
Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES  
524/1 ..Adding a NRM to a preformed solid polymer or  
preformed specified intermediate condensation product,  
composition thereof; or process of treating or composition  
thereof  
524/80 ...DNRM which is other than silicon dioxide,

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glass, titanium dioxide, water, halohydrocarbon, hydrocarbon, or elemental carbon

524/81 ....Organic DNRM

524/186 ....Organo nitrogen compound other than unsubstituted ammonium salt as sole nitrogen atom DNRM

524/201 .....N(C=X)X wherein X is a chalcogen, e.g., thiocarbamate, etc.

524/202 .....Metal or ammonium group

2 524/263 (0 OR, 2 XR)

Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES

524/1 ..Adding a NRM to a preformed solid polymer or preformed specified intermediate condensation product, composition thereof; or process of treating or composition

thereof

524/80 ...DNRM which is other than silicon dioxide, glass, titanium dioxide, water, halohydrocarbon, hydrocarbon, or elemental carbon

524/81 ....Organic DNRM

524/261 .....Organic silicon compound having at least one oxygen atom DNRM

524/262 .....Atom other than Si, O, C, or H

524/263 .....Halogen

2 524/304 (0 OR, 2 XR)

Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES

524/1 ..Adding a NRM to a preformed solid polymer or preformed specified intermediate condensation product, composition thereof; or process of treating or composition

thereof

524/80 ...DNRM which is other than silicon dioxide, glass, titanium dioxide, water, halohydrocarbon, hydrocarbon, or elemental carbon

524/81 ....Organic DNRM

524/284 .....Carboxylic acid or derivative and wherein the derivative is other than a metal salt DNRM

524/300 .....Two or more carbon atoms

524/302 .....Sulfur, e.g., factice, etc.

524/303 .....Only two carboxylic acid or ester groups, e.g., distearyl thiadipropionate, etc.

524/304 .....With a nonreactive material

2 524/381 (1 OR, 1 XR)

Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES

524/1 ..Adding a NRM to a preformed solid polymer or preformed specified intermediate condensation product, composition thereof; or process of treating or composition

thereof

524/80 ...DNRM which is other than silicon dioxide, glass, titanium dioxide, water, halohydrocarbon,

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hydrocarbon, or elemental carbon  
524/81 ....Organic DNRM  
524/379 ....Carbon atom single bonded to an oxygen  
atom and wherein the carbon atom is not double bonded to  
a chalcogen atom DNRM, e.g., alcohols, etc.  
524/381 .....Non C-OH oxygen atom, or element other  
than C, O, or H, e.g., tartaric acid metal salt, etc.

2 524/398 (0 OR, 2 XR)  
Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES  
524/1 ..Adding a NRM to a preformed solid polymer or  
preformed specified intermediate condensation product  
composition thereof; or process of treating or composi  
tion  
thereof  
524/80 ...DNRM which is other than silicon dioxide,  
glass, titanium dioxide, water, halohydrocarbon,  
hydrocarbon, or elemental carbon  
524/81 ....Organic DNRM  
524/394 .....Oxygen atom or metal atom DNRM, e.g.,  
metal stearate, etc.  
524/398 .....Transition metal atom (atomic no. 21-29,  
39-47, 57-79)

2 524/399 (0 OR, 2 XR)  
Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES  
524/1 ..Adding a NRM to a preformed solid polymer or  
preformed specified intermediate condensation product  
composition thereof; or process of treating or composi  
tion  
thereof  
524/80 ...DNRM which is other than silicon dioxide,  
glass, titanium dioxide, water, halohydrocarbon,  
hydrocarbon, or elemental carbon  
524/81 ....Organic DNRM  
524/394 .....Oxygen atom or metal atom DNRM, e.g.,  
metal stearate, etc.  
524/399 .....Heavy metal or aluminum (atomic no. 13,  
30-33, 48-51, 80-83)

2 524/430 (0 OR, 2 XR)  
Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES  
524/1 ..Adding a NRM to a preformed solid polymer or  
preformed specified intermediate condensation product,  
composition thereof; or process of treating or composi  
tion  
thereof  
524/80 ...DNRM which is other than silicon dioxide,  
glass, titanium dioxide, water, halohydrocarbon,  
hydrocarbon, or elemental carbon  
524/401 .....Inorganic compound devoid of a silicon atom  
DNRM  
524/430 .....A single type of metal atom and only

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oxygen atoms DNRM, e.g., metal oxide, etc.

2 524/437 (1 OR, 1 XR)  
Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES  
524/1 ..Adding a NRM to a preformed solid polymer or  
preformed specified intermediate condensation product,  
composition thereof; or process of treating or composi  
tion  
thereof  
524/80 ...DNRM which is other than silicon dioxide,  
glass, titanium dioxide, water, halohydrocarbon,  
hydrocarbon, or elemental carbon  
524/401 ....Inorganic compound devoid of a silicon atom  
DNRM  
524/437 .....Aluminum DNRM

2 524/442 (0 OR, 2 XR)  
Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES  
524/1 ..Adding a NRM to a preformed solid polymer or  
preformed specified intermediate condensation product,  
composition thereof; or process of treating or composi  
tion  
thereof  
524/80 ...DNRM which is other than silicon dioxide,  
glass, titanium dioxide, water, halohydrocarbon,  
hydrocarbon, or elemental carbon  
524/442 ....Soil or inorganic silicon DNRM (other than  
silicon dioxide, glass, quartz, novaculite, or silicon  
dioxide type)

2 524/449 (0 OR, 2 XR)  
Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES  
524/1 ..Adding a NRM to a preformed solid polymer or  
preformed specified intermediate condensation product  
composition thereof; or process of treating or composi  
tion  
thereof  
524/80 ...DNRM which is other than silicon dioxide,  
glass, titanium dioxide, water, halohydrocarbon,  
hydrocarbon, or elemental carbon  
524/442 ....Soil or inorganic silicon DNRM (other than  
silicon dioxide, glass, quartz, novaculite, or silicon  
dioxide type)  
524/444 .....Aluminum atom DNRM  
524/449 .....Mica

2 524/515 (0 OR, 2 XR)  
Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES  
524/1 ..Adding a NRM to a preformed solid polymer or  
preformed specified intermediate condensation product,  
composition thereof; or process of treating or composi  
tion  
thereof  
524/500 ...Containing two or more solid polymers; solid

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polymer or SICP and a SICP, SPFI, or an ethylenic react

ant

or product thereof

524/502 ....At least one solid polymer derived from  
ethylenic reactants only

524/515 ....Two or more solid polymers derived from  
ethylenic reactants only

2 524/528 (0 OR, 2 XR)

Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES

524/1 ..Adding a NRM to a preformed solid polymer or  
preformed specified intermediate condensation product

composition thereof; or process of treating or compos

ition

thereof

524/500 ...Containing two or more solid polymers; solid  
polymer or SICP and a SICP, SPFI, or an ethylenic reac

tant

or product thereof

524/502 ....At least one solid polymer derived from  
ethylenic reactants only

524/515 ....Two or more solid polymers derived from  
ethylenic reactants only

524/528 .....Solid polymer derived from acyclic  
hydrocarbon

2 524/548 (0 OR, 2 XR)

Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES

524/1 ..Adding a NRM to a preformed solid polymer or  
preformed specified intermediate condensation product,  
composition thereof; or process of treating or composit

ion

thereof

524/543 ...Polymer derived from ethylenic reactants  
only

524/548 .....From heterocyclic monomer

2 524/555 (1 OR, 1 XR)

Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES

524/1 ..Adding a NRM to a preformed solid polymer or  
preformed specified intermediate condensation product,  
composition thereof; or process of treating or composit

ion

thereof

524/543 ...Polymer derived from ethylenic reactants  
only

524/555 .....From nitrogen-containing monomer other than  
acrylonitrile or methacrylonitrile

2 524/560 (0 OR, 2 XR)

Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES

524/1 ..Adding a NRM to a preformed solid polymer or  
preformed specified intermediate condensation product,  
composition thereof; or process of treating or composi

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tion

thereof  
524/543 ...Polymer derived from ethylenic reactants  
only  
524/556 ....From carboxylic acid or ester thereof  
monomer  
524/560 ....From ester derived from at least one  
unsaturated carboxylic acid and a saturated alcohol, e.g.  
methyl methacrylate, etc.

2 524/570 (0 OR, 2 XR)

Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES

524/1 ..Adding a NRM to a preformed solid polymer or  
preformed specified intermediate condensation product,  
composition thereof; or process of treating or composit

ion

thereof  
524/543 ...Polymer derived from ethylenic reactants  
only  
524/570 ....From hydrocarbon monomer

2 524/575.5 (0 OR, 2 XR)

Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES

524/1 ..Adding a NRM to a preformed solid polymer or  
preformed specified intermediate condensation product  
composition thereof; or process of treating or compos

ition

thereof  
524/543 ...Polymer derived from ethylenic reactants  
only  
524/570 ....From hydrocarbon monomer  
524/571 .....Conjugated diene hydrocarbon monomer  
524/575.5 .....Natural rubber

2 524/579 (0 OR, 2 XR)

Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES

524/1 ..Adding a NRM to a preformed solid polymer or  
preformed specified intermediate condensation product,  
composition thereof; or process of treating or composi

tion

thereof  
524/543 ...Polymer derived from ethylenic reactants  
only  
524/570 ....From hydrocarbon monomer  
524/579 .....From hydrocarbon containing four or more  
carbon atoms

2 524/601 (0 OR, 2 XR)

Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES

524/1 ..Adding a NRM to a preformed solid polymer or  
preformed specified intermediate condensation product,  
composition thereof; or process of treating or composit

ion

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thereof

524/599 . . . From carboxylic acid or derivative reactant

524/601 . . . . From dicarboxylic acid or derivative and at least one polyol; or from a diester of a polycarboxylic acid as sole reactant

2 524/80 (1 OR, 1 XR)

Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES

524/1 . . Adding a NRM to a preformed solid polymer or preformed specified intermediate condensation product, composition thereof; or process of treating or compositi

on

thereof

524/80 . . . DNRM which is other than silicon dioxide, glass, titanium dioxide, water, halohydrocarbon, hydrocarbon, or elemental carbon

2 524/82 (1 OR, 1 XR)

Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES

524/1 . . Adding a NRM to a preformed solid polymer or preformed specified intermediate condensation product, composition thereof; or process of treating or composi

tion

thereof

524/80 . . . DNRM which is other than silicon dioxide, glass, titanium dioxide, water, halohydrocarbon, hydrocarbon, or elemental carbon

524/81 . . . . Organic DNRM

524/82 . . . . . Sulfur atom as part of a hetero ring DNRM

2 524/83 (0 OR, 2 XR)

Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES

524/1 . . Adding a NRM to a preformed solid polymer or preformed specified intermediate condensation product composition thereof; or process of treating or composi

tion

thereof

524/80 . . . DNRM which is other than silicon dioxide, glass, titanium dioxide, water, halohydrocarbon, hydrocarbon, or elemental carbon

524/81 . . . . Organic DNRM

524/82 . . . . . Sulfur atom as part of a hetero ring DNRM

524/83 . . . . . Hetero ring contains sulfur and at least one diverse hetero atom

2 524/862 (1 OR, 1 XR)

Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES

524/858 . . Si-containing reactant forming a solid polymer or SICP in the presence of a nonreactant mater

ial

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524/860 ....Poly (di organo siloxane) reactant, i.e.,  
(R-Si(R)-O)-\* where R is an organic radical and \* is  
subscript two or more  
524/861 ....Si-H containing reactant  
524/862 .....With ethylenically unsaturated reactant

2 524/863 (0 OR, 2 XR)

Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES

524/858 ..Si-containing reactant forming a solid  
polymer or SICP in the presence of a nonreactant materi

al

524/860 ....Poly (di organo siloxane) reactant, i.e.,  
(R-Si(R)-O)-\* where R is an organic radical and \* is  
subscript two or more

524/863 ....Poly (di organo siloxane) reactant has at  
least one SiO other than as Si-O Si, e.g., Si-O-C, or SiO  
group, etc.

H

2 524/99 (0 OR, 2 XR)

Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES

524/1 ..Adding a NRM to a preformed solid polymer or  
preformed specified intermediate condensation product  
composition thereof; or process of treating or composi

tion

thereof

524/80 ....DNRM which is other than silicon dioxide,  
glass, titanium dioxide, water, halohydrocarbon,  
hydrocarbon, or elemental carbon

524/81 ....Organic DNRM

524/86 ....Nitrogen atom as part of a hetero ring  
DNRM

524/99 .....Six-membered nitrogen ring, e.g.,  
pyridine, etc.

2 525/187 (2 OR, 0 XR)

Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES

525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING  
OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF

SICP

WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH

A

CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF  
FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY

OF THE

ABOVE OPERATIONS

525/55 ..At least one solid polymer derived from  
ethylenic reactants only

525/185 ....With additional solid polymer derived from  
at least one nonethylenic reactant

525/186 ....At least one reactant which forms  
additional polymer contains a heterocyclic ring

525/187 .....Heterocyclic ring is an 1,2-epoxy ring

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2 525/189 (0 OR, 2 XR)  
Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES  
525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING  
OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF  
SICP  
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ABOVE OPERATIONS

525/55 ..At least one solid polymer derived from  
ethylenic reactants only  
525/185 ...With additional solid polymer derived from  
at least one nonethylenic reactant  
525/189 ....At least one reactant which forms  
additional polymer contains a sulfur atom

2 525/192 (0 OR, 2 XR)  
Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES  
525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING  
OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF  
SICP  
A  
F THE

ABOVE OPERATIONS

525/55 ..At least one solid polymer derived from  
ethylenic reactants only  
525/191 ...Polymer mixture of two or more solid  
polymers derived from ethylenically unsaturated reactant  
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525/192 ....only; or mixtures of said polymer mixture with a chemica  
treating agent; or products or processes of preparing an  
of the above mixtures  
....Treating polymer or polymer mixture with a  
chemical treating agent other than solid polymer

2 525/194 (0 OR, 2 XR)  
Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES  
525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING  
OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF  
SICP  
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F THE

ABOVE OPERATIONS

525/55 ..At least one solid polymer derived from  
ethylenic reactants only  
525/191 ...Polymer mixture of two or more solid

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polymers derived from ethylenically unsaturated reactan  
only; or mixtures of said polymer mixture with a chemic  
treating agent; or products or processes of preparing a  
of the above mixtures

525/192 ....Treating polymer or polymer mixture with a  
chemical treating agent other than solid polymer  
525/194 ....Agent is an organic material

2 525/215 (0 OR, 2 XR)  
Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES  
525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING  
OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING O  
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ABOVE OPERATIONS

525/55 ..At least one solid polymer derived from  
ethylenic reactants only  
525/191 ...Polymer mixture of two or more solid  
polymers derived from ethylenically unsaturated reacta  
only; or mixtures of said polymer mixture with a chemi  
treating agent; or products or processes of preparing

of the above mixtures

525/213 ....Solid polymer derived from  
chlorine-containing reactant other than vinyl(idene)  
chloride  
525/214 .....Halogenated hydrocarbon other than  
vinyl(idene) chloride  
525/215 .....Halogenated hydrocarbon contains at least  
two ethylenic groups and is devoid of an aryl ring

SICP  
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OF THE

ABOVE OPERATIONS

525/55 ..At least one solid polymer derived from  
ethylenic reactants only  
525/191 ...Polymer mixture of two or more solid  
polymers derived from ethylenically unsaturated reactan

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only; or mixtures of said polymer mixture with a chemic  
treating agent; or products or processes of preparing a  
of the above mixtures  
525/232 ....Solid polymer derived from reactant  
containing at least two ethylenic groups and is devoid o  
aryl ring  
525/233 ....Polymer derived from nitrogen-containing  
reactant  
  
2 525/234 (0 OR, 2 XR)  
Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES  
525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING  
OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING O  
WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WIT  
CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES O  
FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY  
ABOVE OPERATIONS  
525/55 ...At least one solid polymer derived from  
ethylenic reactants only  
525/191 ...Polymer mixture of two or more solid  
polymers derived from ethylenically unsaturated reacta  
only; or mixtures of said polymer mixture with a chemi  
treating agent; or products or processes of preparing  
of the above mixtures  
525/232 ....Solid polymer derived from reactant  
containing at least two ethylenic groups and is devoid  
aryl ring  
525/233 ....Polymer derived from nitrogen-containing  
reactant  
525/234 ....At least two polymers derived from  
nitrogen-containing reactants  
  
2 525/235 (0 OR, 2 XR)  
Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES  
525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING  
OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF  
WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH  
CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF  
FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY  
ABOVE OPERATIONS  
525/55 ...At least one solid polymer derived from  
ethylenic reactants only  
525/191 ...Polymer mixture of two or more solid

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polymers derived from ethylenically unsaturated reactant only; or mixtures of said polymer mixture with a chemical treating agent; or products or processes of preparing a

of the above mixtures

525/232 ....Solid polymer derived from reactant containing at least two ethylenic groups and is devoid of

aryl ring

525/235 ....Polymer derived from halogen-containing reactant

2 525/238 (0 OR, 2 XR)

Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES

525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING OF SOLID POLYMER OR SICP WITH SICP OR SPF1; MIXING OF WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY O

ABOVE OPERATIONS

525/55 ..At least one solid polymer derived from ethylenic reactants only

525/191 ...Polymer mixture of two or more solid polymers derived from ethylenically unsaturated reactant only; or mixtures of said polymer mixture with a chemical treating agent; or products or processes of preparing an

of the above mixtures

525/238 ....Solid polymer derived from (meth)acrylonitrile

2 525/25 (0 OR, 2 XR)

Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES

525/10 .ETHYLENICALLY UNSATURATED REACTANT ADMIXED WITH EITHER (A) A POLYMER DERIVED FROM A SATURATED DI- HIGHER ESTER OF A POLYCARBOXYLIC ACID AS SOLE REACTANT, (B) REACTION PRODUCT OF ONLY POLYCARBOXYLIC ACIDS OR ANHYDRIDES WITH ONLY COMPOUNDS HAVING AT LEAST TWO HYDR GROUPS AT LEAST ONE OF WHICH IS SATURATED AND WHEREIN THE REACTION PRODUCT FORMED IS NOT AFTERTREATED PRIOR TO ADMIXTURE WITH THE UNSATURATED REACTANT EXCEPT WITH A POLYCARBOXYLIC ACID, POLYCARBOXYLIC ACID ANHYDRIDE, OR

525/11 ..Mixed in presence of specified material or a polymerizable composition contains a specified material

525/25 ...Specified material contains nitrogen atom

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2 525/314 (1 OR, 1 XR)  
Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES  
525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING  
OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF  
SICP  
A  
OF THE  
ABOVE OPERATIONS  
525/55 ..At least one solid polymer derived from  
ethylenic reactants only  
525/242 ...Polymer derived from ethylenic reactants  
only mixed with ethylenic reactant  
525/313 ....Ethylenic reactant contains at least two  
unsaturated groups and is devoid of an aromatic group  
525/314 ....Block copolymer derived from reactant  
containing at least two unsaturated groups and is free of  
an aromatic group

2 525/330.4 (1 OR, 1 XR)  
Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES  
525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING  
OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF  
SICP  
A  
OF THE  
ABOVE OPERATIONS  
525/55 ..At least one solid polymer derived from  
ethylenic reactants only  
525/326.1 ...Chemically after treated solid polymers  
derived from ethylenically unsaturated monomers only  
525/330.3 ....Polymer derived from acrylic or methacrylic  
esters, or vinyl acetate monomer  
525/330.4 ....Sulfur or phosphorus containing chemical  
treating agent

2 525/330.9 (0 OR, 2 XR)  
Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES  
525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING  
OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING O  
F SICP  
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OF THE  
ABOVE OPERATIONS  
525/55 ..At least one solid polymer derived from  
ethylenic reactants only  
525/326.1 ...Chemically after treated solid polymers

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derived from ethylenically unsaturated monomers only

525/330.7 ....Polymer derived from halogen monomer

525/330.8 ....At least one monomer contains two or more  
ethylenic groups

525/330.9 ....Vulcanized or crosslinked, in the  
presence of a chemical treating agent, e.g., cured, etc.

2 525/332.7 (1 OR, 1 XR)

Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES

525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING  
OF SOLID POLYMER OR SICP WITH SICP OR SPF1; MIXING

OF SICP

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Y OF THE

ABOVE OPERATIONS

525/55 ..At least one solid polymer derived from  
ethylenic reactants only

525/326.1 ...Chemically after treated solid polymers  
derived from ethylenically unsaturated monomers only

525/331.9 ....Polymer derived from monomer containing at  
least two ethylenic groups or diene rubber

525/332.5 ....Vulcanized in the presence of a chemical  
treating agent, e.g., cured, crosslinked, etc.

525/332.6 .....Sulfur containing chemical treating agent

525/332.7 .....Nitrogen containing chemical treating  
agent

2 525/333.3 (0 OR, 2 XR)

Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES

525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING  
OF SOLID POLYMER OR SICP WITH SICP OR SPF1; MIXING OF

SICP

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F THE

ABOVE OPERATIONS

525/55 ..At least one solid polymer derived from  
ethylenic reactants only

525/326.1 ...Chemically after treated solid polymers  
derived from ethylenically unsaturated monomers only

525/333.3 ....Polymer derived from aromatic hydrocarbon  
monomer, e.g., styrene, etc.

2 525/333.9 (0 OR, 2 XR)

Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES

525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING  
OF SOLID POLYMER OR SICP WITH SICP OR SPF1; MIXING OF

SICP

WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH

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A

CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF  
FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY  
OF THE

ABOVE OPERATIONS

525/55 ..At least one solid polymer derived from  
ethylenic reactants only  
525/326.1 ...Chemically after treated solid polymers  
derived from ethylenically unsaturated monomers only  
525/333.7 ....Polymer derived from acyclic hydrocarbon  
monomer only  
525/333.9 ....Sulfur containing chemical treating agent

2 525/345 (1 OR, 1 XR)

Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES

525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING  
OF SOLID POLYMER OR SICP WITH SICP OR SPF1; MIXING OF

SICP

A

CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF  
FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY O

F THE

ABOVE OPERATIONS

525/55 ..At least one solid polymer derived from  
ethylenic reactants only  
525/343 ...Chemical treating agent contains a sulfur  
atom  
525/345 ....With peroxide, ozone, or free oxygen

2 525/348 (1 OR, 1 XR)

Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES

525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING  
OF SOLID POLYMER OR SICP WITH SICP OR SPF1; MIXING OF

SICP

A

CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF  
FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY O

F THE

ABOVE OPERATIONS

525/55 ..At least one solid polymer derived from  
ethylenic reactants only  
525/343 ...Chemical treating agent contains a sulfur  
atom  
525/348 ....Sulfur-containing heterocyclic compound

2 525/350 (0 OR, 2 XR)

Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES

525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING  
OF SOLID POLYMER OR SICP WITH SICP OR SPF1; MIXING OF

SICP

A

CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF

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FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY O

F THE

ABOVE OPERATIONS

525/55 ...At least one solid polymer derived from ethylenic reactants only  
525/343 ...Chemical treating agent contains a sulfur atom  
525/350 ....Mercaptan or mercaptide

2 525/354 (0 OR, 2 XR)

Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES

525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING OF SOLID POLYMER OR SICP WITH SICP OR SPF1; MIXING OF

SICP

WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH

A

CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY O

F THE

ABOVE OPERATIONS

525/55 ...At least one solid polymer derived from ethylenic reactants only  
525/343 ...Chemical treating agent contains a sulfur atom  
525/354 ....Elemental sulfur or inorganic sulfur compound

2 525/375 (1 OR, 1 XR)

Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES

525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING OF SOLID POLYMER OR SICP WITH SICP OR SPF1; MIXING OF

SICP

WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH

A

CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY O

F THE

ABOVE OPERATIONS

525/55 ...At least one solid polymer derived from ethylenic reactants only  
525/374 ...Chemical treating agent is a nitrogen-containing compound  
525/375 ....Contains nitrogen atom in a heterocyclic ring

2 525/377 (0 OR, 2 XR)

Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES

525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING OF SOLID POLYMER OR SICP WITH SICP OR SPF1; MIXING OF

SICP

WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH

A

CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY O

F THE

ABOVE OPERATIONS

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525/55 . . At least one solid polymer derived from ethylenic reactants only  
525/374 . . . Chemical treating agent is a nitrogen-containing compound  
525/377 . . . . Nitrogen-containing compound contains at least one nitrile or isonitrile group; or a nitrogen-to-oxygen bond which is other than as an amine or ammonium salt

2 525/98 (0 OR, 2 XR)

Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES

525/50 . . . . . MIXING OF TWO OR MORE SOLID POLYMERS; MIXING OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF SICP WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH

A

OF THE

ABOVE OPERATIONS

525/55 . . At least one solid polymer derived from ethylenic reactants only

525/88 . . . . . Mixing of solid block or block-type copolymer with other solid polymer; mixing of said polymer mixture with a chemical treating agent; mixing of a block or block-type copolymer with SICP or with SPFI; or processes of forming or reacting; or the resultant product

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of any of the above operations

525/95 . . . . . Mixture contains solid block or block-type copolymer derived from ethylenically unsaturated hydrocarbon reactants only at least one of which contains

s

at least four carbon atoms

525/98 . . . . . Solid block or block-type copolymer derived from reactant containing plural unsaturation

2 526/223 (0 OR, 2 XR)

Class 526 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES

526/72 . . . . . POLYMERS FROM ONLY ETHYLENIC MONOMERS OR PROCESSES OF POLYMERIZING, POLYMERIZABLE COMPOSITIONS CONTAINING ONLY ETHYLENIC MONOMERS AS REACTANTS OR PROCESSES OF PREPARING

526/89 . . . . . Polymerizing in the presence of a specified material other than monomer

526/222 . . . . . Material contains organic sulfur compound

526/223 . . . . . Organic sulfur compound contains -S-S- or -O-O-group

2 526/237 (0 OR, 2 XR)

Class 526 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES

526/72 . . . . . POLYMERS FROM ONLY ETHYLENIC MONOMERS OR PROCESSES OF POLYMERIZING, POLYMERIZABLE COMPOSITIONS

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CONTAINING ONLY ETHYLENIC MONOMERS AS REACTANTS OR  
PROCESSES OF PREPARING

526/89 ..Polymerizing in the presence of a specified  
material other than monomer

526/237 ...Material contains metal halide, boron halide  
or organic complexes thereof, hydrogen halide, elemental  
halogen, or compound containing only halogen atoms

2 526/283 (2 OR, 0 XR)  
Class 526 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES

526/72 .POLYMERS FROM ONLY ETHYLENIC MONOMERS OR  
PROCESSES OF POLYMERIZING, POLYMERIZABLE COMPOSITIONS  
CONTAINING ONLY ETHYLENIC MONOMERS AS REACTANTS OR  
PROCESSES OF PREPARING

526/280 ..From fused or bridged ring containing monomer

526/281 ...Bridged monomer

526/283 ....Compound containing dicyclopentadiene  
moiety

2 526/290 (0 OR, 2 XR)  
Class 526 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES

526/72 .POLYMERS FROM ONLY ETHYLENIC MONOMERS OR  
PROCESSES OF POLYMERIZING, POLYMERIZABLE COMPOSITIONS  
CONTAINING ONLY ETHYLENIC MONOMERS AS REACTANTS OR  
PROCESSES OF PREPARING

526/290 ..Monomer from unsaturated petroleum  
hydrocarbon fraction; from unsaturated coal or bituminous  
material, extract, or derivative thereof; or from  
unsaturated fatty still residue

2 526/304 (0 OR, 2 XR)  
Class 526 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES

526/72 .POLYMERS FROM ONLY ETHYLENIC MONOMERS OR  
PROCESSES OF POLYMERIZING, POLYMERIZABLE COMPOSITIONS  
CONTAINING ONLY ETHYLENIC MONOMERS AS REACTANTS OR  
PROCESSES OF PREPARING

526/303.1 ..From carboxylic acid amide-containing monomer

526/304 ...Contains oxygen atom other than in amide  
form bonded to a carbon atom

2 526/308 (0 OR, 2 XR)  
Class 526 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES

526/72 .POLYMERS FROM ONLY ETHYLENIC MONOMERS OR  
PROCESSES OF POLYMERIZING, POLYMERIZABLE COMPOSITIONS  
CONTAINING ONLY ETHYLENIC MONOMERS AS REACTANTS OR  
PROCESSES OF PREPARING

526/308 ..From cycloaliphatic monomer

2 526/329.1 (0 OR, 2 XR)  
Class 526 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES

526/72 .POLYMERS FROM ONLY ETHYLENIC MONOMERS OR  
PROCESSES OF POLYMERIZING, POLYMERIZABLE COMPOSITION

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CONTAINING ONLY ETHYLENIC MONOMERS AS REACTANTS OR  
PROCESSES OF PREPARING

526/319 ..From carboxylic acid ester monomer  
526/328 ...Derived from an ethylenically unsaturated  
              carboxylic acid  
526/328.5 ....With additional monomer  
526/329 .....Interpolymerized with hydrocarbon monomer  
526/329.1 .....Hydrocarbon monomer containing at least  
              two ethylenic groups, e.g., butadiene, etc.

2 526/336 (0 OR, 2 XR)  
Class 526 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
              OF THE CLASS 520 SERIES  
526/72 .POLYMERS FROM ONLY ETHYLENIC MONOMERS OR  
              PROCESSES OF POLYMERIZING, POLYMERIZABLE COMPOSITIONS  
              CONTAINING ONLY ETHYLENIC MONOMERS AS REACTANTS OR  
              PROCESSES OF PREPARING  
526/335 ..From hydrocarbon monomer containing at least  
              two ethylenic groups, e.g., butadiene, etc.  
526/336 ...Ethylenic groups are non-conjugated, e.g.,  
              divinylbenzene, etc.

2 526/338 (1 OR, 1 XR)  
Class 526 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
              OF THE CLASS 520 SERIES  
526/72 .POLYMERS FROM ONLY ETHYLENIC MONOMERS OR  
              PROCESSES OF POLYMERIZING, POLYMERIZABLE COMPOSITIONS  
              CONTAINING ONLY ETHYLENIC MONOMERS AS REACTANTS OR  
              PROCESSES OF PREPARING  
526/335 ..From hydrocarbon monomer containing at least  
              two ethylenic groups, e.g., butadiene, etc.  
526/338 ...Interpolymerized with non-hydrocarbon  
              monomer

2 526/346 (0 OR, 2 XR)  
Class 526 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
              OF THE CLASS 520 SERIES  
526/72 .POLYMERS FROM ONLY ETHYLENIC MONOMERS OR  
              PROCESSES OF POLYMERIZING, POLYMERIZABLE COMPOSITIONS  
              CONTAINING ONLY ETHYLENIC MONOMERS AS REACTANTS OR  
              PROCESSES OF PREPARING  
526/346 ..From aromatic hydrocarbon

2 528/376 (1 OR, 1 XR)  
Class 528 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
              OF THE CLASS 520 SERIES  
528/373 .FROM SULFUR-CONTAINING REACTANT  
528/374 ...From mercaptan or mercaptide-containing  
              reactant  
528/376 ...With ethylenically unsaturated reactant